

Ancillary Services

Judge Francis Carr Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	No
Voltage Support	Yes

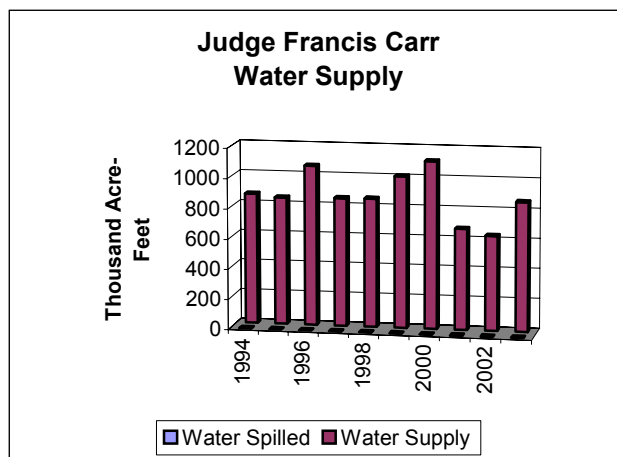
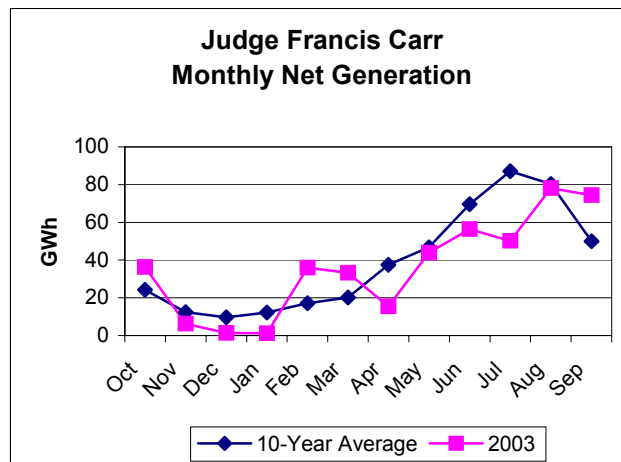
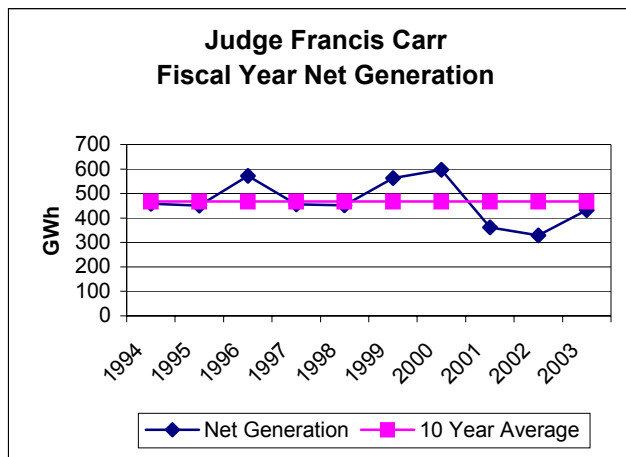
Generators

Judge Francis Carr Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	71,840	5,360	77,200
2	71,840	5,360	77,200
2 Units	143,680	10,720	154,400

The maximum operational capacity is restricted to 150,000 kW due to the tunnel.

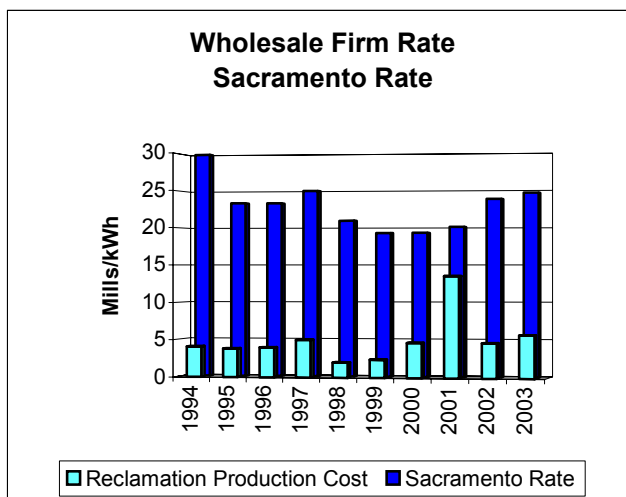
Judge Francis Carr 100-500 MW

Generation

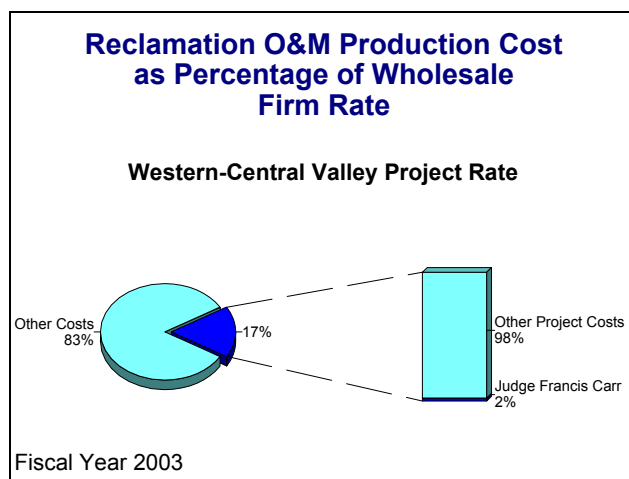


Prime Laboratory Benchmarks

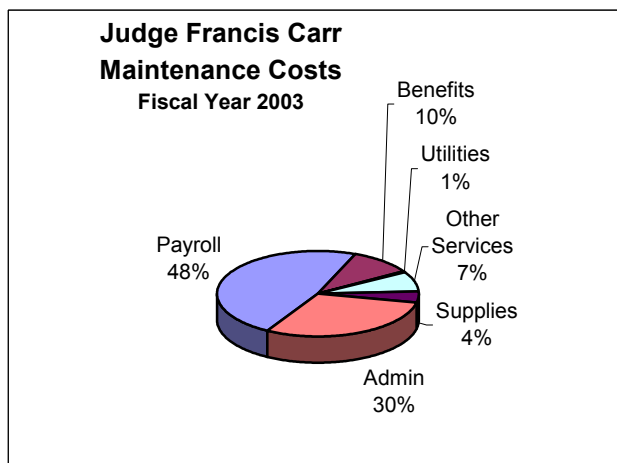
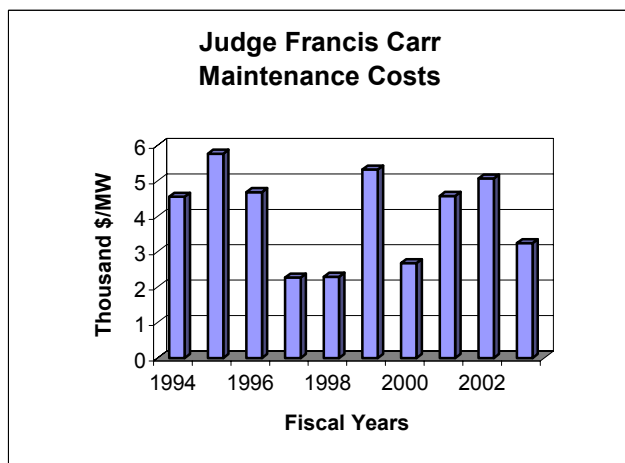
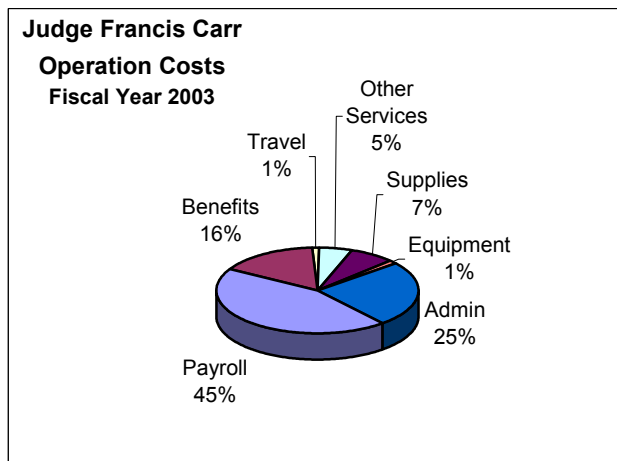
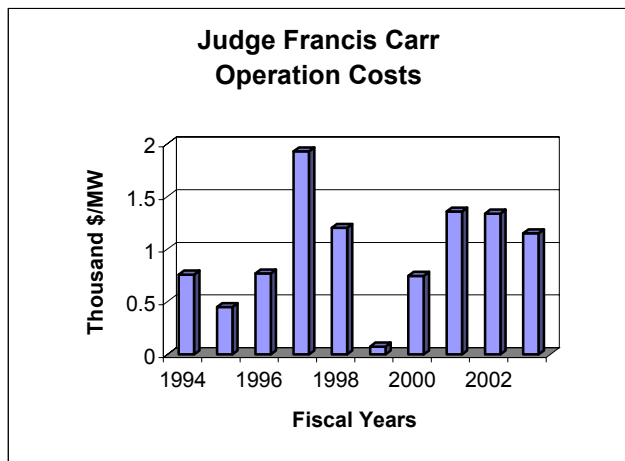
Benchmark 1 Wholesale Firm Rate



Benchmark 2 Reclamation's Production Cost as Percentage of Wholesale Firm Rate

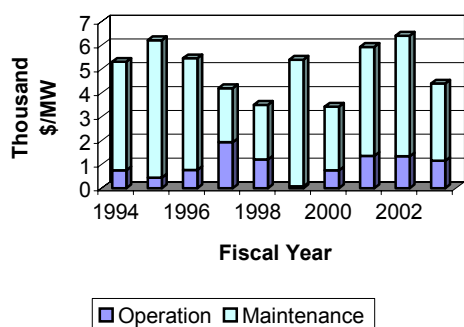


Benchmark 3
Production Cost

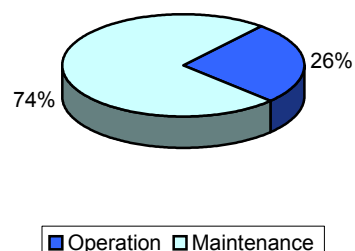


Benchmark 3
Production Cost

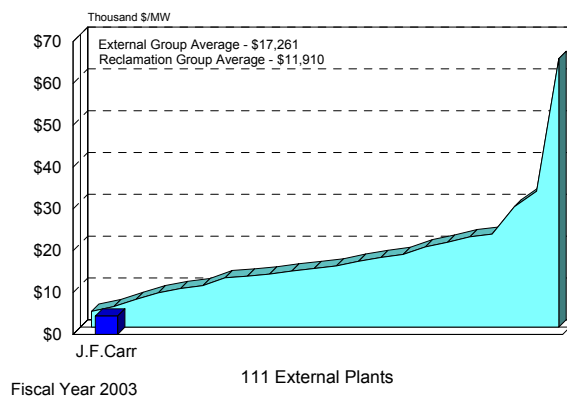
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Operation and Maintenance Costs



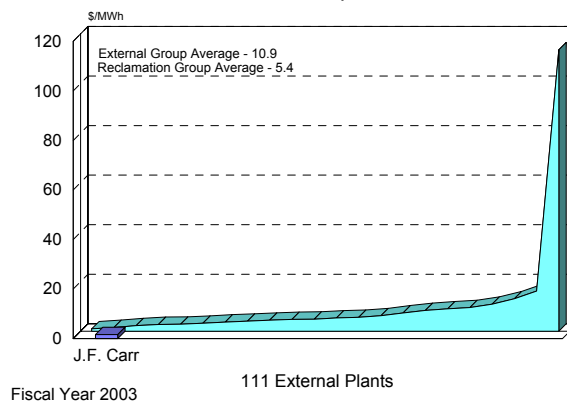
Judge Francis Carr
Operation and Maintenance Costs
Fiscal Year 2003



Total Production Costs
External Comparison



Total Production Costs
External Comparison

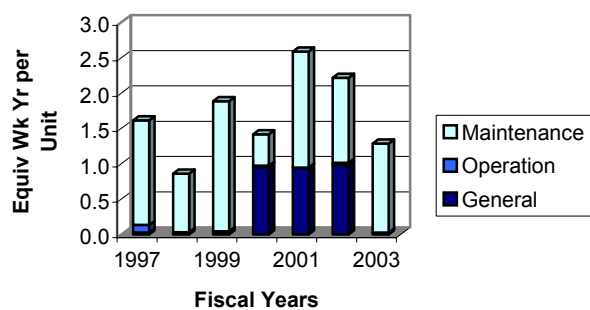


Benchmark 4
Workforce Deployment

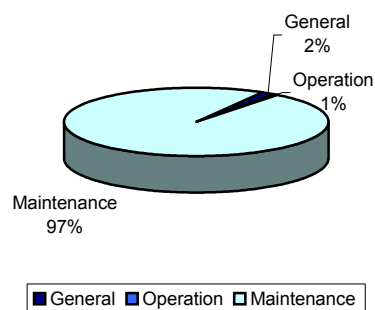
Judge Francis Carr
2003 Equivalent
Work Year Levels

	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work year per Generating Unit	Total Equiv Work Year per Megawatt
General	0	0	0.04	0.04	0.02	0
Operation	0.01	0	0	0.01	0.01	0
Maintenance	2.25	0.26	0	2.51	1.26	0.016
Total Staffing	2.26	0.26	0.04	2.57	1.28	0.02

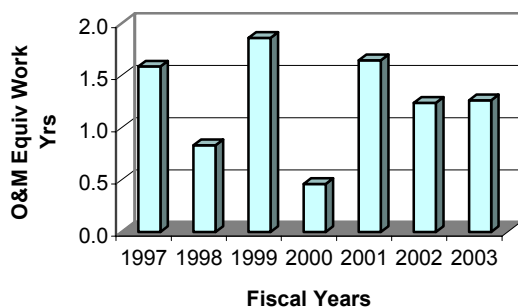
Judge Francis Carr
Equivalent Work Year per Unit



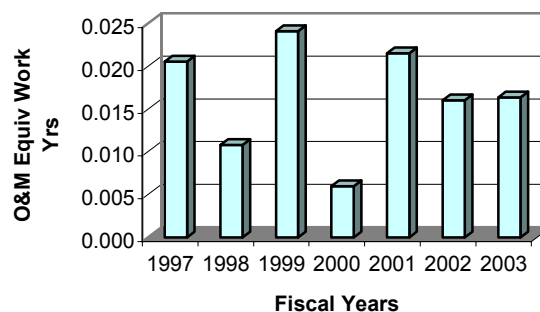
Judge Francis Carr
Equivalent Work Year per Unit
2003



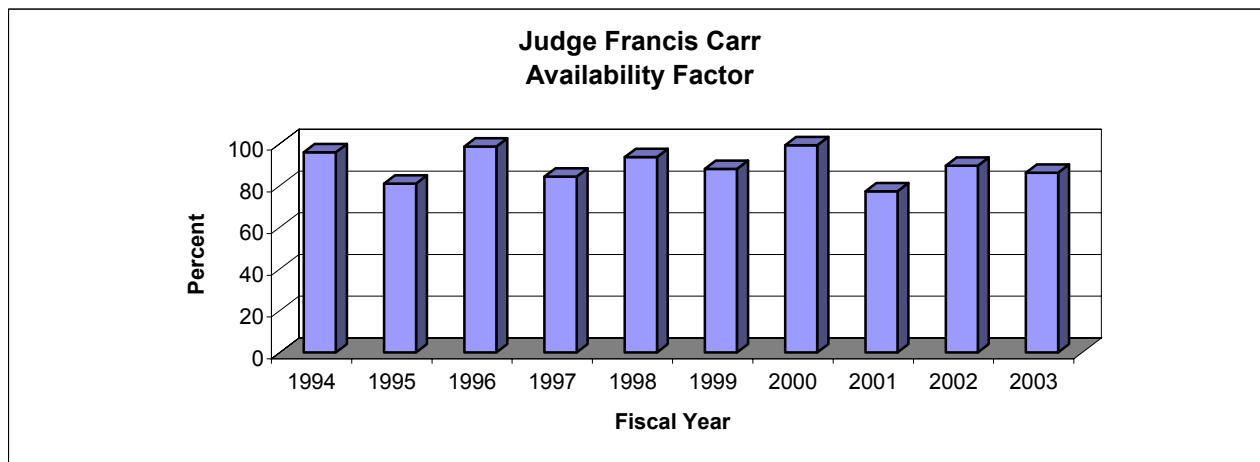
Judge Francis Carr
O&M Equivalent Work Years per Unit



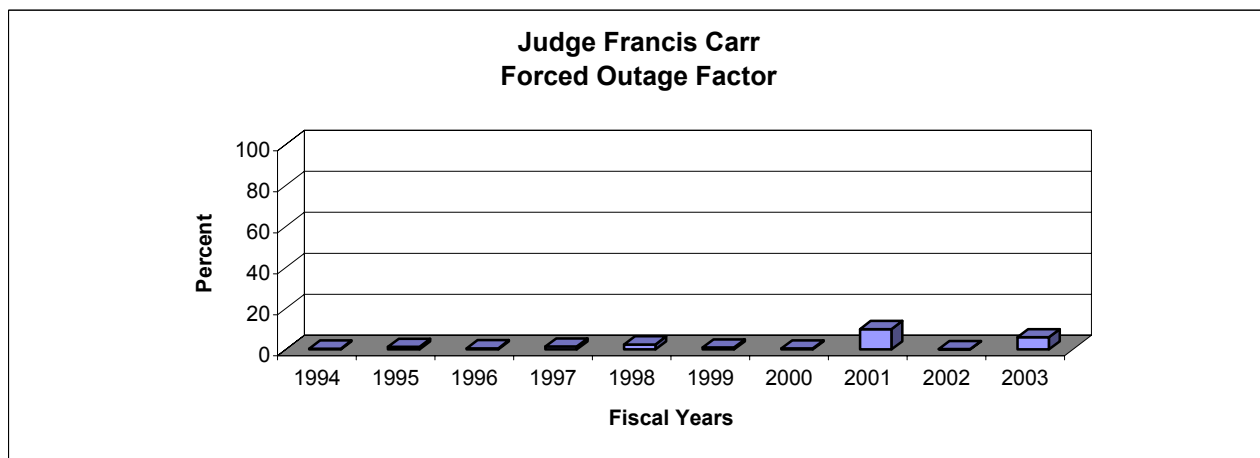
Judge Francis Carr
O&M Equivalent Work Years per MW



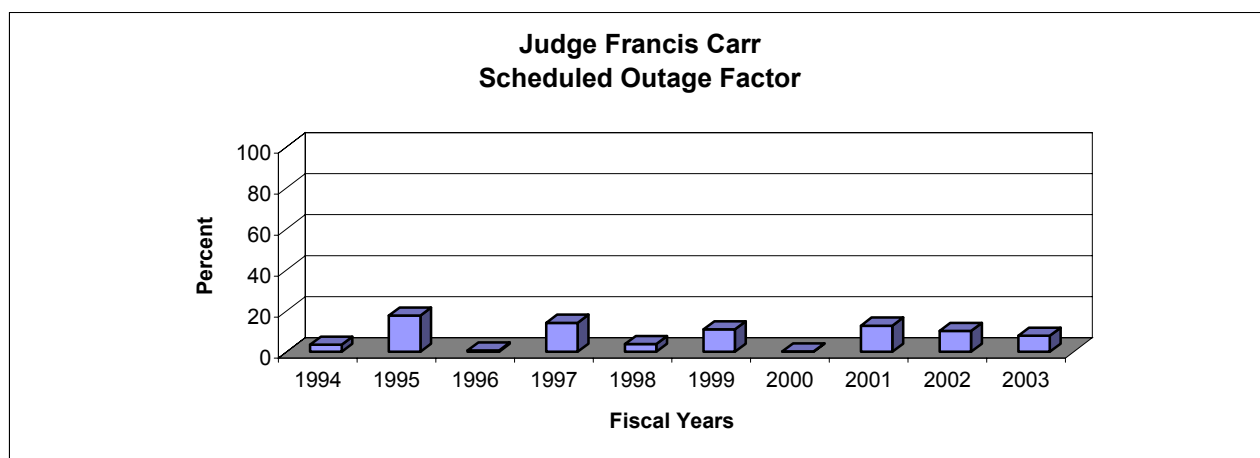
Benchmark 5
Availability Factor



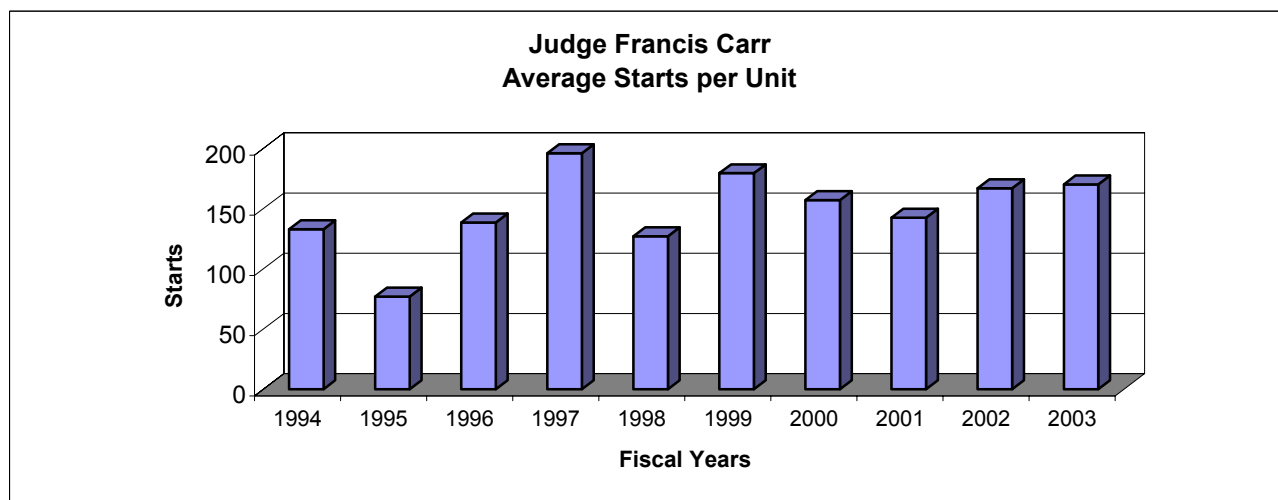
Benchmark 6
Forced Outage Factor



Benchmark 7
Scheduled Outage Factor



Starts



Benchmark Data Comparison

Fiscal Year 2003	Judge Francis Carr Powerplant	Reclamation Average 100-500 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	24.6	Not Applicable	*23.1	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.4%	Not Applicable	12.0%	Not Applicable	Not Applicable
O&M Cost \$/MWh	1.6	4.5	2.7	10.9	1.1
O&M Costs \$/MW	4,396	10,924	7,315	17,261	3,108
O&M Equiv Work Year per MW	0.02	0.1	0.04	Not Available	0.01
Availability Factor	86.2	87.6	83.6	**88.9	99.1
Forced Outage Factor	6.0	0.8	1.5	**2.4	0.0
Scheduled Outage Factor	7.8	11.7	14.9	**8.7	0.0

*Weighted by Net Generation

**2002NERC Average